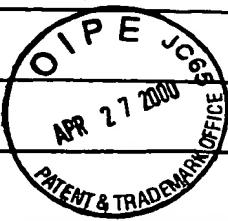


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Sheet 1 of 1		ATTY DOCKET NO. 6027B-5005		SERIAL NO. 09/348,518			
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Date Submitted to PTO: April 27, 2000		APPLICANT HIROSHI MURAKAMI, ET AL.		FILING DATE July 7, 1999			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B5D		4,719,460	01/12/88	Takeuchi	340	825,31	
B5B		5,612,608	03/18/97	Ishiguro	320	45	TC
B7B		5,614,804	03/25/97	Kayano	320	13	300
B5D		5,686,895	11/11/97	Nakai	340	636	24
							RECEIVED MAIL 2000
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION ROOM YES NO
B5B		2,625,954	7/21/89	France (Abstract)	—	—	x
B5B		2,656,450	6/28/91	France (Abstract)	—	—	x
B5B		2,692,064	12/11/93	France (Abstract)	—	—	x
B5B		2,712,715	12/10/93	France (Abstract)	—	—	x
B5B		4,024,188	7/30/90	Germany (Abstract)	—	—	x
B5B		4,227,969	8/22/92	Germany (Abstract)	—	—	x
B5B		4,301,039	11/6/93	Germany (Abstract)	—	—	x
B5B		2,732,144	3/24/95	France (Abstract)	—	—	x
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>B5B Broadband</i>		DATE CONSIDERED <i>7/11/01</i>					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

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## Complete if Known

Application Number	09/348,518
Filing Date	July 7, 1999
First Named Inventor	Murakami et al.
Art Unit	3661
Examiner Name	Broadhead, Brian J.

Attorney Docket Number

22845-037

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BB	1	US- 6,427,913	08-06-2002	Maloney et al.	
BB	2	US- 6,340,935	01-22-2002	Hall	
BB	3	US- 6,336,295	01-08-2002	Takei et al.	
BB	4	US- 6,317,720	11-13-2001	Murakami et al.	
BB	5	US- 6,304,223	10-16-2001	Hilton et al.	
BB	6	US- 6,278,936	08-21-2001	Jones	
BB	7	US- 6,253,980	07-03-2001	Murakami et al.	
BB	8	US- 6,253,129	06-26-2001	Jenkins et al.	
BB	9	US- 6,249,233	06-19-2001	Rosenberg et al.	
BB	10	US- 6,225,890	05-01-2001	Murphy	
BB	11	US- 6,185,487	02-06-2001	Kondo et al.	
BB	12	US- 6,181,991	01-30-2001	Kondo et al.	
BB	13	US- 6,185,501	02-06-2001	Smith et al.	
BB	14	US- 6,157,315	12-05-2000	Kokubo et al.	
BB	15	US- 6,154,006	11-28-2000	Hatanaka et al.	
BB	16	US- 6,240,365	05-29-2001	Bunn	
BB	17	US- 6,133,707	10-17-2000	Kikuchi et al.	
BB	18	US- 6,129,371	10-10-2000	Powell	
BB	19	US- 6,089,431	07-18-2000	Heyworth	

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
BB	20	EP 0 212 842 A1	03-04-1987	Dobson		
BB	21	EP 0 451 482 A1	10-16-1991	Hirshberg		
BB	22	EP 0 653 732 A1	05-17-1995	Laurens et al.		
BB	23	EP 0 694 885 A2	01-31-1996	Tagami et al.		
BB	24	EP 0 877 341 A2	11-11-1998	Kokubo et al.		
BB	25	EP 0 708 427 A2	04-24-1996	Parodi et al.		

Examiner Signature	<i>Brian Broadhead</i>	Date Considered	31/14/03
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Sheet

2

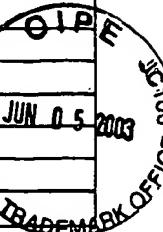
of

12

## Complete if Known

Application Number	09/348,518
Filing Date	July 7, 1999
First Named Inventor	Hiroshi Murakami et al. <span style="float: right;">JUN 05 2003</span>
Art Unit	3661
Examiner Name	Broadhead, Brian J.

Attorney Docket Number 22845-037



## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BB	26	US- 6,078,850	06-20-2000	Kane et al.	
BB	27	US- 5,995,898	11-30-1999	Tuttle	
BB	28	US- 5,995,013	11-30-1999	Yoshizawa et al.	
BB	29	US- 5,945,919	08-31-1999	Trask	
BB	30	US- 5,922,040	07-13-1999	Prabhakaran	
BB	31	US- 5,908,453	06-01-1999	Tabata et al.	
BB	32	US- 5,869,950	02-09-1999	Hoffman, Jr. et al	
BB	33	US- 5,838,251	11-17-1998	Brinkmeyer et al.	
BB	34	US- 5,812,070	09-22-1998	Tagami et al.	
BB	35	US- 5,803,215	09-08-1998	Henze et al.	
BB	36	US- 5,790,976	08-04-1998	Boll et al.	
BB	37	US- 5,737,710	04-07-1998	Anthonyson	
BB	38	US- 5,751,973	04-12-1998	Hassett	
BB	39	US- 5,726,885	03-10-1998	Klein et al.	
BB	40	US- 5,721,550	02-24-1998	Lopez	
BB	41	US- 5,686,895	11-11-1997	Nakai et al.	
BB	42	US- 5,664,113	09-02-1997	Worger et al.	
BB	43	US- 5,614,864	03-25-1997	Kayano et al.	
BB	44	US- 5,612,608	03-18-1997	Ishigure et al.	

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)				
BB	45	EP 0 991 031 A2	04-05-2000	Ogura et al.		
BB	46	EP 1 067 498 A1	01-10-2001	Murakami et al		
BB	47	EP 1 067 481 A2	01-10-2001	Murakami et al.		
BB	48	EP 1 067 480 A2	01-10-2001	Murakami et al.		
BB	49	EP 0 997 861 A2	05-03-2000	Murakami et al.		
BB	50	EP 1 011 085 A2	06-21-2000	Schreter		

Examiner Signature

Date Considered

3/14/03

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				O I P E JUN 05 2003 RECEIVED U.S. TRADEMARK OFFICE GROUP 3600	
(Use as many sheets as necessary)					
Sheet	3	of	12	Attorney Docket Number	22845-037

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <small>2 (if known)</small>			
ps	51	US- 5,579,973	12-03-1996	Taft	
mm	52	US- 5,557,254	09-17-1996	Johnson et al.	
bm	53	US- 5,493,694	02-20-1996	Vlcek et al.	
dz	54	US- 5,366,338	11-22-1994	Mortensen	
ps	55	US- 5,357,143	10-18-1994	Lehr et al.	
	56	US- 5,289,369	02-22-1994	Hirshberg	
ps	57	US- 5,265,006	11-23-1993	Asthana et al.	
ps	58	US- 5,206,643	04-27-1993	Eckelt	JUN 09 2003
ps	59	US- 5,066,034	11-19-1991	Carr	
bm	60	US- 4,994,714	02-19-1991	Hoekman et al.	
bm	61	US- 4,777,646	10-11-1988	Harris	
bm	62	US- 4,776,003	10-04-1988	Harris	
	63	US- 4,719,460	01-12-1988	Takeuchi et al.	
bm	64	US- 4,692,762	09-08-1987	Lewiner et al.	
bm	65	US- 4,620,429	11-04-1986	Quillen	
bm	66	US- 4,360,875	11-23-1982	Behnke	
bm	67	US- 4,353,055	10-05-1982	Kawakatsu et al.	
bm	68	US- 3,906,447	09-1975	Crafton	
bm	69	US- 3,858,775	01-1975	Haas	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <small>3-</small> Number <small>4-</small> Kind Code <small>5 (if known)</small>			
D	70	EP 0 173 160 A1	04-30-1996	Wuttke	
F	71	EP 0 307 485 B1	06-08-1194	Kimura et al.	
F	72	EP 0 117 284 B1	07-03-1985	Lewiner et al.	
F	73	EP 0 223 320 B1	07-05-1980	Brisson	
F	74	EP 0 435 719 B1	06-26-1991	Wasmuth et al.	
F	75	EP 0 305 518 B1	12-23-1992	Brisson	

Examiner Signature	<i>Brian J. Broadhead</i>	Date Considered	3/14/05
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INFORMATION DISCLOSURE  
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Sheet

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of

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## Complete If Known

Application Number	09/348,518
Filing Date	July 7, 1999
First Named Inventor	Murakami et al.
Art Unit	3661
Examiner Name	Broadhead, Brian

O I P E

JUN 05 2003

U.S. PATENT AND  
TRADEMARK OFFICE

Attorney Docket Number 22845-037

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY 3/19/71	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BB	76	us- 3,655,397	05/19/71	Di Napoli et al. Partinent et al.	
BB	77	us- 3,624,608	11-30-1971	Altman et al.	
BB	78	us- 1,223,258	04-17-1917	Cooper	
BB	79	us- D 374, 208	10-01-1996	Eva Jr.	
BB	80	us- 2003/0014302 A1	01-16-2003	Jablin	
BB	81	us- 4,495,484	01-22-1995	Kawakatsu, et al.	
BB	82	us- 3,397,044	12-14-1976	Schasser	
BB	83	us- 4,438,426	03-20-1984	Adkins	
BB	84	us- 3,742,453	06-26-1973	Polylo	
BB	85	us- 4,072,853	02-07-1978	McWaters	
BB	86	us- 3,754,122	08-21-1973	Di Napoli et al..	
BB	87	us- 3,757,293	09-04-1973	Ross	
BB	88	us- 5,137,043	08-09-1994	Graseet	
BB	89	us- 5,168,451	12-01-1992	Bolger	
BB	90	us- 5,604,673	02-18-1997	Penzias	
BB	91	us- 5,171,387	02-10-1998	Suman et al.	
		US-			
		US-			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code Number Kind Code (if known)				
BB	92	DE 19 28 885 A1	01-14-1999	Albers		T
BB	93	DE 293 11 292 U1	01-07-1999	Karahan		T
BB	94	DE 43 01 030 A1	07-24-1994	Latsch		
BB	95	DE 42 27 660 A1	03-03-1994	Lemke et al.		T
BB	96	DE 40 24 160 A1	02-06-1992	Scharf		T
BB	97	FR 2 732 141	09-27-1996	Bertrand et al.		

Examiner Signature	Brian Broadhead	Date Considered	3/14/03
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 12

Substitute for form 1449/PTO		Complete if Known	
		Application Number	09/348,518
		Filing Date	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3661
		Examiner Name	Broadhead, Brian J.
Sheet	5	of	12
		Attorney Docket Number	
		22845-037	

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		Country Code	3 <sup>rd</sup> Number	4 <sup>th</sup>	5 <sup>th</sup> Kind Code (if known)		
	98	FR 2 712 715		05-17-1995	Laurens et al		
	99	FR 2 692 064		12-10-1993	Parent		
	100	FR 2 656 450		08-28-1991	Bernard		
	101	FR 2 625 954		07-26-1989	Parienti		
BS	102	CA 2 227 664		07-21-1998	Bunn		
BD	103	JP 10-261199		09-29-1998	Masaki et al.		

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Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application	09/348,518
		Filing Date	July 7, 1999
		First Named Inventor	Murakami et al.
		Art Unit	3661
		Examiner Name	Broadhead, Brian J.
Sheet	7	of	12
		Attorney Docket Number	
		22845-037	



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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. Country Code <sup>3</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
B3	110 EP 0 509 776			10-21-1992	Tsuda et al.	
B3	111 GB 2 291 235 A			02-29-1996	Teng	
B3	112 GB 2 271 081 A			10-18-1989	Muldoon	
B3	113 GB 2 146 154 A			04-11-1985	Banks	
	114 DE 10 24 196 A1			02-06-1992	Scherf	
	115 DE 22 10 098			10-05-1972	Schimmelpenninck	
	116 DE 38 06 810 A1			09-07-1998	Amend	
	117 DE 42 07 099 A1			03-03-1994	Lemke et al.	
	118 DE 10 32 128 A1			04-23-1992	Ritter	
B3	119 DE 197 40 502 A1			03-18-1999	Koehler et al.	

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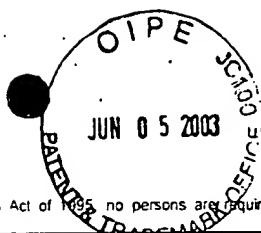
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Substitute for form 1449A/PTO		Application	09/348,518		
		Filing Date	July 7, 1999		
		First Named Inventor	Murakami et al.		
		Art Unit	3661		
		Examiner Name	Broadhead, Brian J.		
Sheet	8	of	12	Attorney Docket Number	22845-037

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>8</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> and Code <sup>5</sup> (if known)				
<i>b</i>	120	DE	44 29 052 A1	02-29-1990	Klein		
<i>b30</i>	121	DE	100 33 341 A1	01-24-2002	Biesinger et al.		T
<i>D</i>	122	DE	195 08 360 C1	03-07-1996	Lenard et al.		
<i>D</i>	123	DE	195 08 370 A1	09-12-1996	Rick et al.		T
<i>B3</i>	124	DE	195 21 902 A1	12-19-1996	Beler		
	125	FR	2 126 602	08-10-1997	Guhangne		
	126	FR	2 335 431	05-04-1984	Jollivet		T
	127	FR	2 322 664				
	128	FR	2 512 310	05-29-1992	Chapelle		T
	129	FR	2 652 255	11-22-1991	Vernaudon		T

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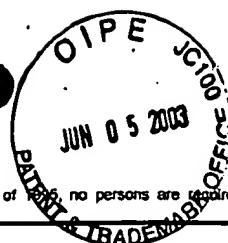
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Application</b> <u>09/348,518</u>	<b>Filing Date</b> <u>July 7, 1999</u>
				<b>First Named Inventor</b> <u>Murakami et al.</u>	<b>Art Unit</b> <u>3661</u>
				<b>Examiner Name</b> <u>Broadhead, Brian J.</u>	
<b>Sheet</b> <u>9</u>	<b>of</b> <u>12</u>	<b>Attorney Docket Number</b> <u>22845-037</u>			

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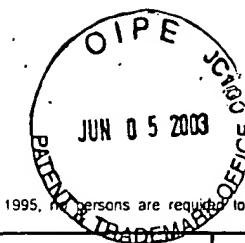
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	130	WO 92/22043	12-10-1992	Webster		T
	131	WO 85/01812	04-26-1985	Shilton et al.		
	132	WO 84/00765	08-27-1984	Emst		
	133	WO 95/21436	08-04-1995	Rising		
	134	WO 99/44186	09-02-1999	Jafe		
	135	JP 05-133195	05-28-1993	Nagayama et al.		
BB	136	JP 10-208195	08-7-1998	Kagawa et al.		T
BB	137	JP 11-201762	07-30-1999	Ibara		T
BB	138	JP 11-127750	03-20-1993			T
BB	139	JP 2001067581 A	03-16-2001	Murakami		T

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application	09/348,518
				Filing Date	July 7, 1999
				First Named Inventor	Murakami et al.
				Art Unit	3661
				Examiner Name	Broadhead, Brian J.
Sheet	10	of	12	Attorney Docket Number	22845-037

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Application Number		09/348,518	
Filing Date		July 7, 1999	
First Named Inventor		Murakami et al.	
Art Unit		3661	
Examiner Name		Broadhead, Brian J	
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		Attorney Docket Number	
		22845-037	

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	142	European Patent Office Search Report of 01305580.1-2215, November 7, 2001, 2 pages	RECEIVED JUN 05 2003 GROUP 36001
	143	European Patent Office Search Report of 99250392, February 9, 2001, 3 pages	
	144	European Patent Office Search Report of 00305739, October 20, 2000, 2 pages	
	145	European Patent Office Search Report of 95304203, March 8, 1996, 1 page	
	146	European Patent Office Search Report of 94402568, December 12, 1994, 1 page	
	147	European Patent Office Search Report of 91102927, June 13, 1991, 1 page	
	148	European Patent Office Search Report of 86305442, October 30, 1986, 3 pages	
	149	Australian Patent Office Search Report of SG 20003722-6, January 24, 2002, 4 pages	
	150	Australian Patent Office Search Report of SG 20003721-8, January 24, 2002, 2 pages	
	151	Australian Patent Office Search Report of SG 200103958-5, November 19, 2002, 2 pages	

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Filing Date July 7, 1999

First Named Inventor Hiroshi Murakami et al.

Art Unit 3661

Examiner Name Broadhead, Brian J.

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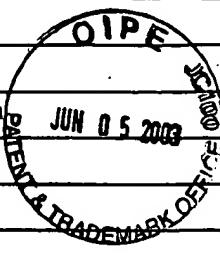
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	152	United Kingdom Patent Office Search Report of GB9413527.4, September 1994, 1 page	RECEIVED JUN 09 2003 GROUP 3600
	153	French Patent Office Search Report of FR 0005779, February 1, 2002, 2 pages	JUN 09 2003
	154	French Patent Office Search Report of FR 0004270, June 29, 2001, 1 page	
	155	French Patent Office Search Report of FR 9503408, December 29, 1995, 1 page	
	156	French Patent Office Search Report of FR 94402568, December 12, 1994, 1 page	
	157	Praxitele web site= <a href="http://www-rocq.inria.fr/praxitele/welcome-angl.html?59">http://www-rocq.inria.fr/praxitele/welcome-angl.html?59</a> , 31, Dec. 1997.	
	158	Bill Donahue, May 17, 2002, Cars You Drive for Just a Little While, Then It's Their Turn, New York Times, Coast), Pg.10	
	159	Matthew Barth; August 1999, Stimulation Model Performance Analysis of a Multiple Station Shared Vehicle System, Transportation Research, Issue 7C, Volume 4. Pages	

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